



468660

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

OH D004180675



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site)

Mogul Corporation, The

02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER

7145 Pine St

03 CITY

Chagrin Falls

04 STATE

OH

05 ZIP CODE

44022

06 COUNTY

Geauga

07 COUNTY CODE

055

08 CONG DIST

11

09 COORDINATES

LATITUDE

LONGITUDE

41°25'30"N

081°23'10"W

Chagrin Falls, OH
NW 1/4 Chagrin Falls 15' Quad.

10 DIRECTIONS TO SITE (Starting from nearest public road)

From Cleveland, east; I27N exit at US422/Chagrin Blvd. Continue on
US422 to Main St. Southeast on Main St. to RR tracks, straight on
Arch St. to Pine.

III. RESPONSIBLE PARTIES

01 OWNER (If known)

The Dexter Corp.

02 STREET (Business, mailing, residential)

P.O. Box 200

03 CITY

Chagrin Falls

04 STATE

OH

05 ZIP CODE

44022

06 TELEPHONE NUMBER

(216) 247-5000

07 OPERATOR (If known and different from owner)

Same as site

08 STREET (Business, mailing, residential)

09 CITY

10 STATE

11 ZIP CODE

12 TELEPHONE NUMBER

()

13 TYPE OF OWNERSHIP (Check one)

☒ A. PRIVATE ☐ B. FEDERAL:

(Agency name)

☐ C. STATE☐ D. COUNTY☐ E. MUNICIPAL☐ F. OTHER:

(Specify)

☐ G. UNKNOWN

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)

☒ A. RCRA 3001 DATE RECEIVED: 8/7/80

MONTH DAY YEAR

☒ B. UNCONTROLLED WASTE SITE (CERCLA 103 c)

DATE RECEIVED: 10/10/81

MONTH DAY YEAR

☐ C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION

☒ YES

DATE

10/9/74

☐ NO

MONTH DAY YEAR

BY (Check all that apply)

☐ A. EPA☐ B. EPA CONTRACTOR☒ C. STATE☐ D. OTHER CONTRACTOR☐ E. LOCAL HEALTH OFFICIAL☐ F. OTHER:

(Specify)

CONTRACTOR NAME(S):

02 SITE STATUS (Check one)

☒ A. ACTIVE☐ B. INACTIVE☐ C. UNKNOWN

03 YEARS OF OPERATION

1962

15/11 Operating

UNKNOWN

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED

Organics (Toxic/Persistent)

Acids (Corrosive)

Solvents (Toxic/Flammable)

Unknowns

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION

Groundwater (Population/Environment)

Surface water (Population/Environment)

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)

☐ A. HIGH

(Inspection required promptly)

☐ B. MEDIUM

(Inspection required)

☒ C. LOW

(Inspect on time available basis)

☐ D. NONE

(No further action needed, complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT

Gary Gifford

02 OF (Agency/Organization)

OEPA/NEDO, DSHWM

03 TELEPHONE NUMBER

216/425-9171

04 PERSON RESPONSIBLE FOR ASSESSMENT

Pam Wicks

05 AGENCY

OEPA

06 ORGANIZATION

NEDO/DSHWM

07 TELEPHONE NUMBER

216/425-9171

08 DATE

7/10/84

MONTH DAY YEAR



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
OH 0004180675

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 <input checked="" type="checkbox"/> A. GROUNDWATER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED: <u>Approx 10,600</u>	02 <input type="checkbox"/> OBSERVED (DATE: _____) 04 NARRATIVE DESCRIPTION <u>Soil prevents rapid infiltration of water, might not make it to aquifer before discharged to river. (slow percolation) Should consider possibility of contamination due to wells in area. Landfill is in wet soil with slope down</u>	<input checked="" type="checkbox"/> POTENTIAL <input type="checkbox"/> ALLEGED
01 <input checked="" type="checkbox"/> B. SURFACE WATER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED: <u>Approx 100</u>	02 <input type="checkbox"/> OBSERVED (DATE: _____) 04 NARRATIVE DESCRIPTION <u>Intermittent stream flows along south side of site; could receive runoff from fill - trib to Chagrin River less than 1/2 mile west of Mogul Could receive groundwater discharge; the closure/leachate from landfill should be checked</u>	<input checked="" type="checkbox"/> POTENTIAL <input type="checkbox"/> ALLEGED
01 <input type="checkbox"/> C. CONTAMINATION OF AIR 03 POPULATION POTENTIALLY AFFECTED: _____	02 <input type="checkbox"/> OBSERVED (DATE: _____) 04 NARRATIVE DESCRIPTION <u>Not reported (NR)</u>	<input type="checkbox"/> POTENTIAL <input type="checkbox"/> ALLEGED
01 <input type="checkbox"/> D. FIRE/EXPLOSIVE CONDITIONS 03 POPULATION POTENTIALLY AFFECTED: _____	02 <input type="checkbox"/> OBSERVED (DATE: _____) 04 NARRATIVE DESCRIPTION <u>NR</u>	<input type="checkbox"/> POTENTIAL <input type="checkbox"/> ALLEGED
01 <input type="checkbox"/> E. DIRECT CONTACT 03 POPULATION POTENTIALLY AFFECTED: _____	02 <input type="checkbox"/> OBSERVED (DATE: _____) 04 NARRATIVE DESCRIPTION <u>NR</u>	<input type="checkbox"/> POTENTIAL <input type="checkbox"/> ALLEGED
01 <input checked="" type="checkbox"/> F. CONTAMINATION OF SOIL 03 AREA POTENTIALLY AFFECTED: <u>< 1</u> (Acres)	02 <input type="checkbox"/> OBSERVED (DATE: _____) 04 NARRATIVE DESCRIPTION <u>Soils have severe limitations on landfill use due to wetness - slow permeability, high water table</u>	<input checked="" type="checkbox"/> POTENTIAL <input type="checkbox"/> ALLEGED
01 <input checked="" type="checkbox"/> G. DRINKING WATER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED: <u>Approx 6200</u>	02 <input type="checkbox"/> OBSERVED (DATE: _____) 04 NARRATIVE DESCRIPTION <u>Area serviced by Chagrin Falls Water Supply 3 well fields. Groundwater dependent area, wells developed in the Berea Sandstone formation, anywhere from 90-240 feet deep.</u>	<input checked="" type="checkbox"/> POTENTIAL <input type="checkbox"/> ALLEGED
01 <input type="checkbox"/> H. WORKER EXPOSURE/INJURY 03 WORKERS POTENTIALLY AFFECTED: _____	02 <input type="checkbox"/> OBSERVED (DATE: _____) 04 NARRATIVE DESCRIPTION <u>Possible but none reported</u>	<input type="checkbox"/> POTENTIAL <input type="checkbox"/> ALLEGED
01 <input type="checkbox"/> I. POPULATION EXPOSURE/INJURY 03 POPULATION POTENTIALLY AFFECTED: _____	02 <input type="checkbox"/> OBSERVED (DATE: _____) 04 NARRATIVE DESCRIPTION <u>N.R</u>	<input type="checkbox"/> POTENTIAL <input type="checkbox"/> ALLEGED



POTENTIAL HAZARDOUS WASTE SITE
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PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

NR

01 ☐ K. DAMAGE TO FAUNA
04 NARRATIVE DESCRIPTION (Include name(s) of species)

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

NR

01 ☐ L. CONTAMINATION OF FOOD CHAIN
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

NR

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES
(Spills/unofficially landing liquids/leaking drums)

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: 100 Approx.

04 NARRATIVE DESCRIPTION

See B.

01 ☐ N. DAMAGE TO OFFSITE PROPERTY
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

NR

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

NR

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

NR

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

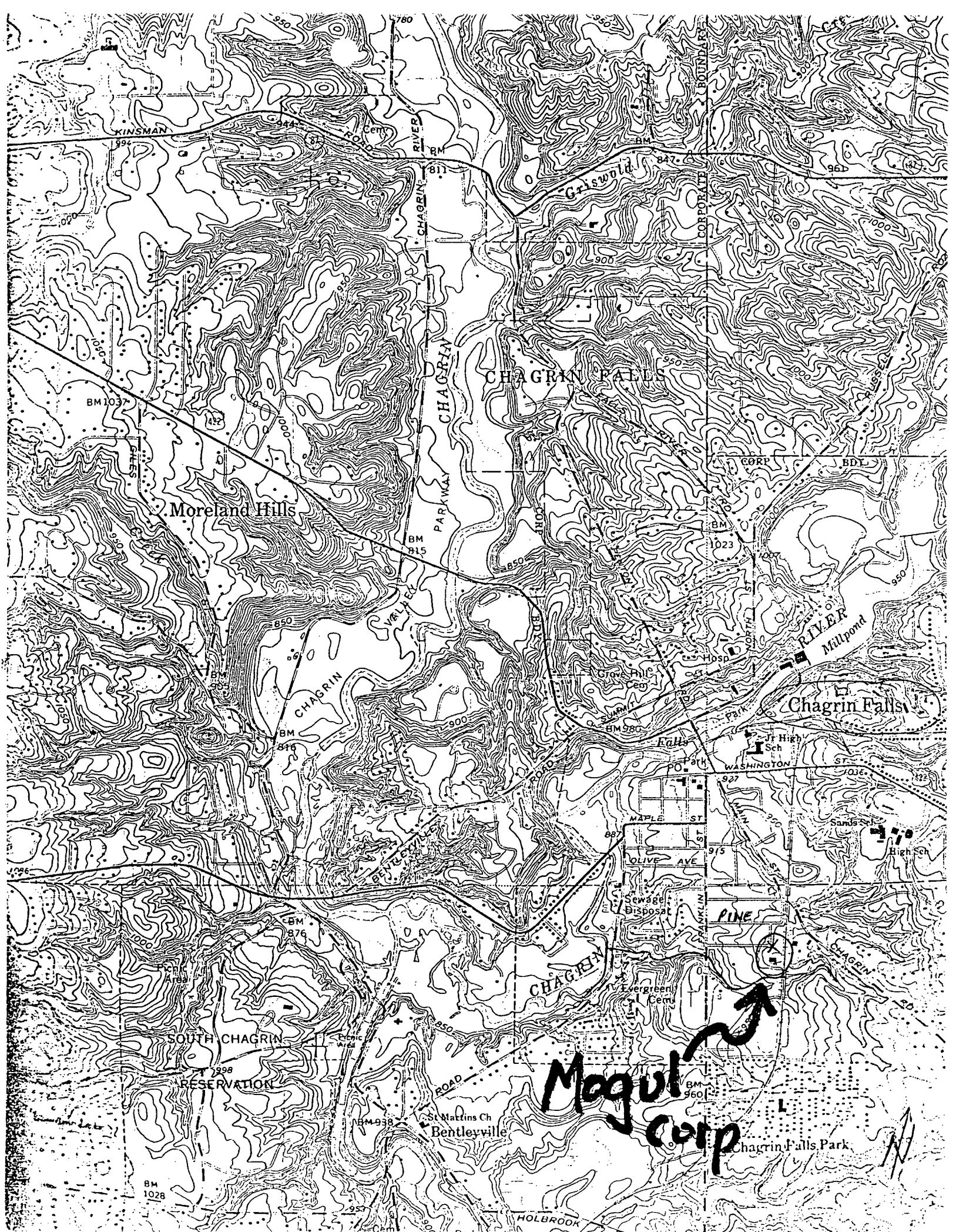
III. TOTAL POPULATION POTENTIALLY AFFECTED: 10,600 Approx.

IV. COMMENTS

Current condition of site's disposal area unknown. Assume off-site disposal since 1968. Any private wells nearby could be checked; surface water quality has been monitored could inspect & compare to previous info.

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

Soil Survey of Cuyahoga County, USDA, Dec. 1980.
Ohio Geological Survey, Water Use, Bulletin #44.



Moreland Hills

CHAGRIN FALLS

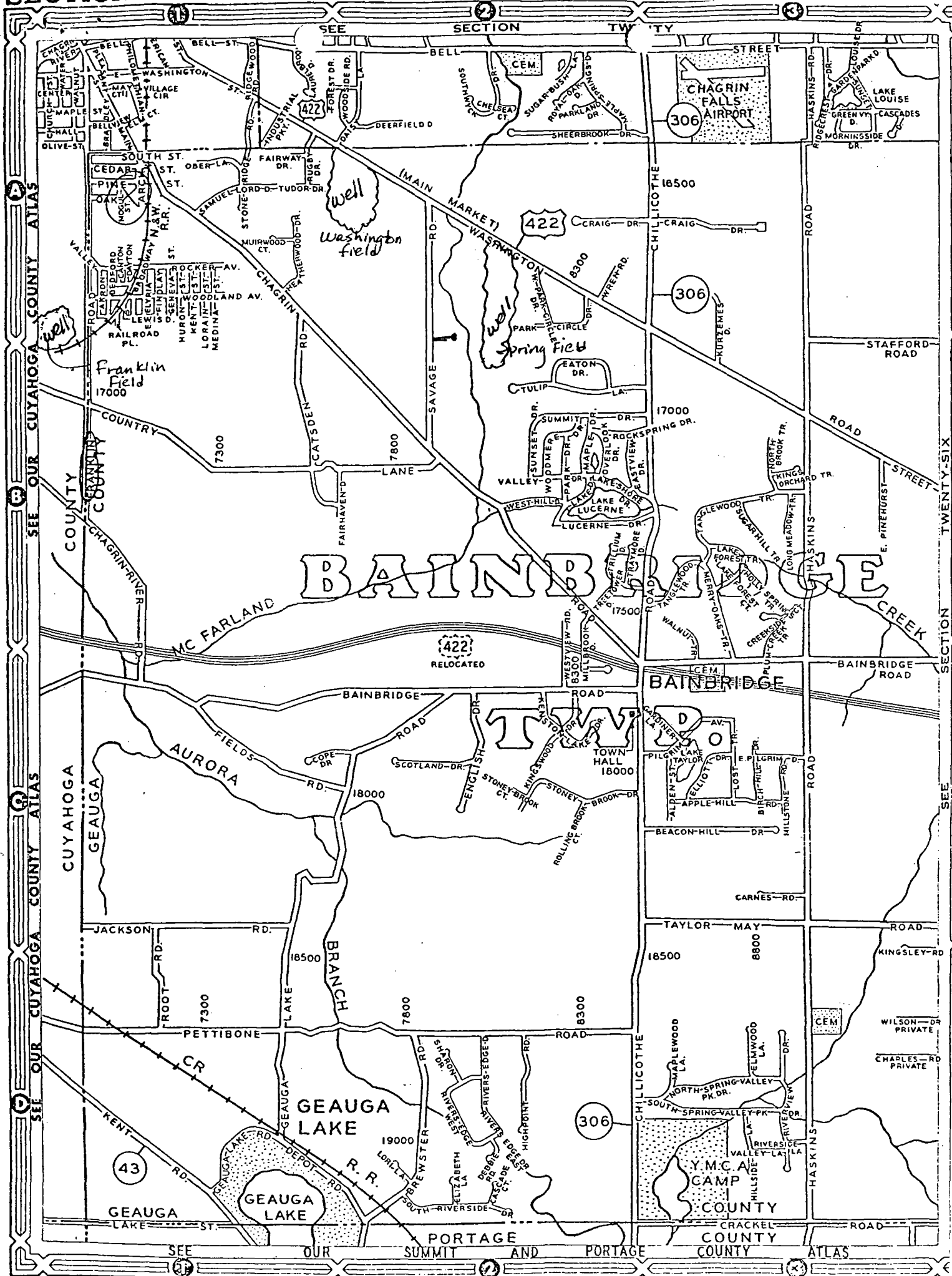
Chagrin Falls

SOUTH CHAGRIN

Bentleyville

Magul Corp

Chagrin Falls Park



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

THE MOGUL CORPORATION
OHD 004-180-675

The Mogul Corporation of Chagrin Falls is located in the southeast corner of town, adjacent to the Norfolk and Western railroad tracks. The area surrounding the plant is a mixture of residential homes and small businesses; a branch of the Chagrin River is approximately a half mile west of Mogul.

Part of Mogul's operation is the manufacture of chemicals for research firms and for water treatment. The company is on OEPA's list of small quantity generators and reported on their CERCLA 103C Notification the disposal of small amounts of chemicals in an on-site landfill. The estimated amount of waste disposed was 100 gallons in a 100-300 square foot area behind their building (south side). The landfilling took place prior to RCRA from 1962 to 1968.

The close proximity of the disposal area to a Chagrin River tributary creates the potential for surface water contamination. Soils around Mogul have slow permeability and a high water table, creating slow percolation and a tendency for runoff to the tributary. Although infiltration of water through the soil is slow, ground water contamination has been taken into consideration at this site. Residents in and around Chagrin Falls rely on municipal and/or private wells for their drinking water, drilled for the most part into the Berea Sandstone formation. Three of the community's wells are shown on the attached map.

A 1963 Department of Health Industrial Waste Investigation report mentioned the practice of dumping waste solvent on the ground. The solvent was a mixture of picrate, picric acid, and methanol. On their RCRA 3001 Notification, Mogul listed trichloroethane, O-Dichlorobenzene, hydrazine, and ethylenebis (dithiocarbamic acid) as chemical product wastes generated by their processes. It's possible for any of these hazardous wastes to have been landfilled by Mogul.

Due to the small volume of wastes reported by Mogul and the length of time since disposal, we recommend a low priority for an investigation of the current condition of Mogul's landfill. Further activities may be required upon completion of the site investigation. (Low priority for FIT and State involvement.)

PW:kr
July 13, 1984

RECEIVED
OHIO EPA

AUG 6 1984

DIV. of SOLID & HAZ. WASTE MGT.